



I.E. MARTYNOV

Ihor Ernstovych Martynov, Head of the Department "Wagon Engineering and Product Quality" of the Ukrainian State University of Railway Transport. D.Sc. (Engineering), Professor, member of the Transport Academy of Ukraine. The key research focus is improving the reliability of the rolling stock axlebox units. 168 scientific papers, 6 copyright certificates and patents for Ukrainian inventions were issued as part of scientific and educational and methodological work. As part of educational and methodical work, Professor Martynov I. E. published 8 scientific manuals (including 6 with the stamp of the Ministry of Education and Science of Ukraine), a monograph, a textbook and more than 20 methodical works. 5 candidate's theses were defended under the guidance of prof. I.E. Martynov.



A.V. TRUFANOVA

Alona Volodymyrivna Trufanova, Ph.D. (Engineering), Associate Professor at the "Wagon Engineering and Product quality" Department of the Ukrainian State University of Railway Transport. The key research areas are increasing the reliability of the rolling stock axle bearing assembly, improving the strength and operational reliability of the rolling stock. Author of more than 60 scientific publications. As part of educational and methodological work, more than 6 educational and methodological works, 1 patent, 2 scientific manuals with the stamp of the Ministry of Education and Science of Ukraine, 1 monograph, 1 textbook were prepared and published.



O.M. SAFRONOV

Safronov Oleksandr Mykhailovych, Ph.D (Engineering), Director of the STATE ENTERPRISE "UKRAINIAN SCIENTIFIC RAILWAY CAR BUILDING RESEARCH INSTITUTE".

Research areas of interest are braking systems of railway rolling stock, mathematical modeling and computer simulation of braking processes, dynamics and strength of the rolling stock. Author of more than 90 scientific publications.

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AXLEBOX ROLLER BEARINGS FOR RAILWAY VEHICLES: DESIGN AND CALCULATIONS

